



Pittsburgh, PA 15213-3890

Introduction to the CMMI® Acquisition Model (CMMI-AM)

Module 5: **CMMI-AM** **Generic Practices**



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Generic Practices

Generic practices are activities that ensure that the processes associated with the process area will be effective, repeatable, and lasting

Generic practices are applied to **EVERY** process area



Definitions

Managed Process A performed process that

- Is planned and executed in accordance with policy
- Employs skilled people having adequate resources to produce controlled outputs
- Involves relevant stakeholders
- Is monitored, controlled, and reviewed
- Is evaluated for adherence to its process description

Defined Process A Managed Process that

- Is tailored from the organization's set of standard processes according to the organization's tailoring guidelines
- Has a maintained process description
- Contributes work products, measures, and other process improvement information to



CMMI-AM Generic Practices

Practices focused on institutionalizing a **Managed Process**

- Establish an Organizational Policy
- Plan the Process
- Provide Resources
- Assign Responsibility
- Train People
- Manage Configurations
- Identify and Involve Relevant Stakeholders
- Monitor and Control the Process
- Objectively Evaluate Adherence
- Review Status with Higher Level Management

Practices focused on institutionalizing a **Defined Process**

- Establish a Defined Process
- Collect Improvement Information



Generic Practices (Managed) ¹

1. Establish an Organizational Policy

Establish and maintain an organizational policy for planning and performing the <x> process

2. Plan the Process

Establish and maintain the plan for performing the <x> process

<x> represents the name of a process area (e.g., Requirements Management)



Generic Practices (Managed) ²

3. Provide Resources

Provide adequate resources for performing the <x> process, developing the work products, and providing the services of the <x> process

4. Assign Responsibility

Assign responsibility and authority for performing the <x> process, developing the work products, and providing the services of the <x> process

5. Train People

Train the people performing or supporting the <x> process as needed



Generic Practices (Managed) ³

6. Manage Configurations

Place designated work products of the <x> process under appropriate levels of configuration management

7. Identify and Involve Relevant Stakeholders

Identify and involve the relevant stakeholders of the <x> process as planned

8. Monitor and Control the Process

Monitor and control the <x> process against the plan for performing the <x> process and take appropriate corrective action



Generic Practices (Managed) 4

9. Objectively Evaluate Adherence

Objectively evaluate adherence of the <x> process against its process description, standards, and procedures, and address noncompliance

10. Review Status with Higher Level Management

Review the activities, status, and results of the <x> process with higher level management and resolve issues



Generic Practices (Defined)

Establish a Defined Process

Establish and maintain the description of a defined <x> process

Collect Improvement Information

Collect work products, measures, measurement results, and improvement information derived from planning and performing the <x> process to support the future use and improvement of the organization's processes and process assets